

[illegible]

ELECTIVE OPERATION PERMIT APPLICATION
LITHOGRAPHIC PRINTING OPERATIONS
Form 4530-146 01-96

Information attached? _ (y/n)

SEE INSTRUCTIONS ON REVERSE SIDE

1. Facility Name: _____

2. Facility Identification No.: _____

3. Material Usage Restriction (See Instructions):

a. Material	b. Proposed Usage Restriction	c. Units	d. VOC Content	e. Units	f. VOC Emissions (pounds/month)
Non-Heatset Ink		pounds per month		% by weight	
Heatset Ink		pounds per month		% by weight	
Fountain Solutions:		gallons per month		pounds per gallon	
		gallons per month		pounds per gallon	
		gallons per month		pounds per gallon	
Cleaning Solutions:		gallons per month		pounds per gallon	
		gallons per month		pounds per gallon	
		gallons per month		pounds per gallon	
Total Monthly VOC emissions:					

If VOC emissions based on the usage restrictions and VOC contents listed above are greater than or equal to 1666 pounds per month, then this lithographic printing facility would not avoid applicability of s. NR 422.142, Wis. Adm. Code, through issuance of an elective operation permit based on this application.

4. SIGNATURE OF RESPONSIBLE OFFICIAL	
I have reviewed this application in its entirety and, based on information and belief formed after reasonable inquiry, I certify that the statements and information contained in this application are true, accurate and complete.	
Printed or Typed Name	Title
Signature	Date Signed

ELECTIVE OPERATION PERMIT APPLICATION INSTRUCTIONS
LITHOGRAPHIC PRINTING OPERATIONS -- Form 4530-145 01-96

NOTE: Use of this form is required by the Department for an application for an elective air pollution operation permit filed pursuant to ss. 144.391(2)(b) and 144.3925, Wis. Stats., for lithographic printing operations. These facilities would be applying for an elective permit because they are exempt by rule from being required to file an application for an air operation permit. Lithographic printing facilities which are not exempt from the requirement to apply for an air operation permit or which prefer to use the standard application forms should proceed to complete Air Pollution Control Permit Application forms 4530-100 through 4530-135. The Department will not consider or act upon your elective operation permit application unless you complete and submit two copies of this application form. The Department may use information on this form to identify facilities required to file annual emission inventory reports under ch. NR 438, Wis. Adm. Code. It is not the Department's intention to use any personally identifiable information from this form for any other purpose.

The elective operation permit for lithographic printing operations will limit a facility's maximum theoretical VOC emissions from lithographic printing to less than 1666 pounds per month. Lithographic printing facilities with maximum theoretical VOC emissions of less than 1666 pounds in any month are not subject to the requirements of s. NR 422.142, Wis. Adm. Code. Section NR 422.142, Wis. Adm. Code, applies only to lithographic printing presses located in the county of Kenosha, Kewaunee, Manitowoc, Milwaukee, Ozaukee, Racine, Sheboygan, Washington or Waukesha.

- Item 1 Provide full business name and address of corporation, company, association, society, firm, partnership, individual or political subdivision of the state submitting the application.
- Item 2 Street address where the air pollution sources are located.
- Item 3 Responsible official means one of the following (s. NR 400.02(80e), Wis. Adm. Code):
- (a) For a corporation:
 - 1. A president, secretary, treasurer or vice-president of the corporation in charge of a principal business function;
 - 2. Any other person who performs similar policy or decision-making functions for the corporation; or
 - 3. A duly authorized representative of a person listed in items 1 or 2 if the representative is responsible for the overall operation of one or more manufacturing, production or operating facilities applying for or subject to a permit and the representative is approved in advance by the Department. Prior to filing the application, if you want the Department to approve your choice of responsible official you may send a letter to the Department describing that person's authority in the company, requesting the Department's approval and signed by a person listed in items 1 or 2.
 - (b) For a partnership or sole proprietorship: a general partner or the proprietor, respectively;
 - (c) For a municipality, or a state, federal or other public agency: either a principal executive officer or ranking elected official.
- Item 4 Individual to contact for additional information concerning the air pollution sources during the permitting process.
- Item 5 Please provide the facility identification number (FID) that has been assigned by the Department for this plant. If you do not have an FID, you may leave this item blank and an FID will be assigned by the Department processing when your permit. **NOTE: WHEN YOU HAVE AN FID, ALL CORRESPONDENCE FOR THIS PLANT SHOULD ALSO INCLUDE THE FID NUMBER ALONG WITH ANY PLANT NAME THAT IS USED BY THE PERMITTEE.**
- Item 6 Calculate your total actual VOC emissions from lithographic printing operations for the most recent calendar year.
- Item 7 Complete the table for each lithographic printing press at the facility.
- a. Make and model: Provide the make and model, if known, for each press. If unknown, indicate with the term "unknown". If built rather than purchased indicate with the term "shop".
 - b. Press Type: Indicate whether the press is: 1) Heatset Web; 2) Non-Heatset Web; or 3) Non-Heatset Sheetfed.
 - c. Installation: Indicate the date that installation of the press occurred, or the date the press was last modified. If the date can only be estimated, then enclose the date in parentheses.
 - d. Number of printing units: Indicate the number of printing units on each press.
 - e. Automatic Blanket Wash: Indicate whether the press is equipped with an automatic blanket wash system.

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- Item 1 Provide full business name of corporation, company, association, society, firm, partnership, individual or political subdivision of the state submitting the application.
- Item 2 Please provide the facility identification number (FID) that has been assigned by the Department for this plant. If you do not have an FID, you may leave this item blank and an FID will be assigned by the department when processing your permit. **NOTE: WHEN YOU HAVE AN FID, ALL CORRESPONDENCE FOR THIS PLANT SHOULD ALSO INCLUDE THE FID NUMBER ALONG WITH ANY PLANT NAME THAT IS USED BY THE PERMITTEE.**
- Item 3 Complete the table to propose monthly limits on non-heatset inks, heatset inks, fountain solutions, and cleaning solutions used for lithographic printing at your facility. **These limits will become an enforceable part of your facility's permit.**
- b. The amounts you propose should result in VOC emissions of less than 1666 pounds per month. **For purposes of calculating your restrictions**, assume that 5% of the VOC content of non-heatset ink is emitted, and that 80% of the VOC content of heatset ink is emitted. Assume that 100% of the VOC content of fountain solutions and cleaning solutions is emitted, unless you can document a credit for recovered or collected materials.
- d. List the VOC content of the inks, fountain solutions, and cleaning solutions that your company uses. If you use several different fountain solutions or cleaning solutions, use a different line for each product.

Example: A printer uses materials with the following VOC contents:

Non-heatset ink: 30% by weight VOC
Fountain solution: 6.70 pounds per gallon VOC
Cleaning solution: 7.36 pounds per gallon VOC

The printer proposes the following material usage restrictions:

Nonheatset ink:	2000 pounds/month x 30% VOC x 5% emitted	= 30 pounds/month
Fountain solutions:	20 gallons/month x 6.7 pounds per gallon VOC	= 134 pounds/month
Cleaning Solution:	200 gallons/month x 7.36 pounds per gallon VOC	= 1472 pounds/month
TOTAL:		<hr/> 1636 pounds/month

- f. Calculate monthly VOC emissions from each material by multiplying the numbers in column b. by the numbers in column d. Remember to take into account the appropriate percentage of VOC content emitted by heatset and nonheatset inks. Add together VOC emissions from all materials to get a monthly total.

- Item 4 Signature of the responsible official identified in Item 3 on Form 4530-145.